

What is claimed is:

1. An image forming apparatus comprising:
an image carrier that carries an image;
5 a transfer device that transfers the image carried
by said image carrier onto a sheet;
a feeding device that feeds the sheet;
a conveying device that conveys the sheet fed by
said feeding device to said transfer device; and
10 a controller that controls said conveying device
to cause the sheet to be temporarily stopped at a first
location and a second location between said feeding
device and said transfer device;
wherein said controller is operable when
15 determining that, if the sheet is caused to be
temporarily stopped at the first location, the sheet
cannot be conveyed to said transfer device by said
conveying device in time for timing in which the image
carried by said image carrier reaches said transfer
20 device, for providing control to inhibit the sheet from
being temporarily stopped at the first location.
2. An image forming apparatus according to claim
1, wherein the second location is a registration
location, and the first location is a pre-registration
25 location upstream of the second location.
3. An image forming apparatus according to claim
1, comprising a sheet sensor disposed in a vicinity of

the first location, and wherein said controller determines whether the sheet can be conveyed to said transfer device by said conveying device in time for the timing in which the image carried by said image carrier reaches said transfer device even if the sheet is caused to be temporarily stopped at the first location, based on timing in which said sheet sensor detects a leading end of the sheet.

4. An image forming apparatus according to claim 1, wherein said controller is operable when determining that the sheet cannot be conveyed to said transfer device by said conveying device in time for the timing in which the image carried by said image carrier reaches said transfer device even if the sheet is conveyed without being temporarily stopped at the first location, for providing control to stop conveyance of the sheet by said conveying device or issue abnormality warning.

5. An image forming apparatus comprising:
a photosensitive member;
an image forming device that forms an image on said photosensitive member;
an image carrier that carries an image;
a first transfer device that transfers the image formed on said photosensitive member onto said image carrier;
a second transfer device that transfers the image

transferred onto said image carrier onto a sheet;

a feeding device that feeds the sheet;

a conveying device that conveys the sheet fed by
said feeding device to said second transfer device; and

5 a controller that controls said conveying device
to cause the sheet to be temporarily stopped at a first
location and a second location between said feeding
device and said second transfer device;

wherein said controller is operable when
10 determining that, if the sheet is caused to be
temporarily stopped at the first location, the sheet
cannot be conveyed to said second transfer device by
said conveying device in time for timing in which the
image carried by said image carrier reaches said second
15 transfer device, for providing control to inhibit the
sheet from being temporarily stopped at the first
location.

6. An image forming apparatus according to claim
5, wherein the second location is a registration
20 location, and the first location is a pre-registration
location upstream of the second location.

7. An image forming apparatus according to claim
5, comprising a sheet sensor disposed in a vicinity of
the first location, and wherein said controller
25 determines whether the sheet can be conveyed to said
second transfer device by said conveying device in time
for the timing in which the image carried by said image

carrier reaches said second transfer device even if the sheet is caused to be temporarily stopped at the first location, based on timing in which said sheet sensor detects a leading end of the sheet.

5 8. An image forming apparatus according to claim 5, wherein said controller is operable when determining that the sheet cannot be conveyed to said second transfer device by said conveying device in time for the timing in which the image carried by said image
10 carrier reaches said second transfer device even if the sheet is conveyed without being temporarily stopped at the first location, for providing control to stop conveyance of the sheet by said conveying device or issue abnormality warning.

15 9. An image forming apparatus according to claim 5, wherein said photosensitive member comprises a photosensitive drum, and said image carrier comprises an intermediate transfer belt.

20 10. An image forming apparatus according to claim 5, wherein said photosensitive member comprises a plurality of photosensitive members.